

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

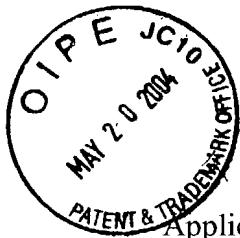
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



Atty. Dkt. No. 017446-0307

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hiroshi ONO

Title: PORTABLE RADIO COMMUNICATION
TERMINAL AND EXPRESSION STYLE
PROCESSING METHOD THEREFOR

Appl. No.: 09/736,575

RECEIVED

Filing Date: 12/15/2000

MAY 24 2004

Examiner: Najjar, Saleh

Technology Center 2100

Art Unit: 2157

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

The Examiner in the corresponding Japanese application has stated:

Claim: 1

Cited Literature: 1

Remarks:

Cited Literature 1 describes "a portable wireless communications terminal-style processing method, in a portable wireless communications terminal (remote wireless computing device 216) that has a function for exchanging multimedia content such as web pages and e-mail comprising text data, image data, sounds data, and other objects (components C1 to C8) through a network (carrier network 214) such as a wireless data communications network (wireless section 204) or through the Internet connected to this wireless communications network, wherein there is a step wherein multiple objects are stored, a step wherein an expression-style format (screen configuration information) for expressing, as desired, the objects that have been stored is generated, and a step wherein the expression-style format that has been generated is stored." (See Block 4, Paragraph (0017) through Block 14, Paragraph (0050)).

Here, when the invention according to Claim 1 of the present application is compared to the invention according to Cited Literature 1, no particular point of difference between the two can be seen.

Consequently, the invention according to Claim 1 of the present application could have been envisioned easily by an individual in the industry from Cited Literature 1, and [said invention] cannot be said to provide any particular effects in operation.

Claim: 2

Cited Literature: 1 and 2

Remarks:

In the invention according to Claim 2 of the present application, "having a step wherein an image is captured, a step wherein that image is converted into image data that can be processed digitally, and a step wherein said image data is stored as said object" is added to the invention according to Claim 1 of the present invention; however, the capturing of images, the conversion of said images into image data for which digital processing can be performed, and the storage of said image data as an object is a well-known technology, such as described in Cited Literature 2 (See, for example, Paragraph (0033). "Well-known Technology 1" hereafter) The type of data to be used as an object is no more than a design item to be determined as appropriate by an individual in the industry, and thus the use of this Well-known Technology 1 in the invention described in Cited Literature 1 to structure the invention according to Claim 2 of the present application through storing, as an object, the image data that has been acquired is not seen as being particularly difficult.

Consequently, the invention according to Claim 2 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1 and 2, and is not seen as having any particular effect on operation.

Claim: 3

Cited Literature: 1 and 2

Remarks:

In the invention according to Claim 3 of the present application, "having a step wherein text is inputted, a step wherein that text is converted into data for which digital processing can be performed, and a step wherein the text data is converted into a descriptive language and stored as the aforementioned object" is added to the invention according to Claim 1 of the present application; however, the inputting of text, the conversion of the text into data for which digital processing can be performed, and the conversion of the text data into a descriptive language for storage as an object is a well-known technology, such as described in Cited Literature 2 (See Paragraph (0033), "Well-known Technology 2" hereafter) The type of data to be used as an object is no more than a design item to be determined as appropriate by an individual in the industry, and thus the use of this Well-known Technology 2 in the invention described in Cited Literature 1 to structure the invention according to Claim 3 of the present application through storing, as an object, the inputted text data is not seen as being particularly difficult.

Consequently, the invention according to Claim 3 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1 and 2, and is not seen as having any particular effect on operation.

Claim: 4

Cited Literature: 1 and 2

Remarks:

In the invention according to Claim 4 of the present application, "having a step wherein sound is inputted, a step wherein this sound is converted into

audio data for which digital processing can be performed, and a step wherein the audio data is stored as the aforementioned object" is added to the invention according to Claim 1 of the present application; however, the inputting of sound, the conversion of said sound into audio data for which digital processing can be performed, and the storage of said audio data as an object is a well-known technology, such as described in Cited Literature 2 (See Paragraph (0034), "Well-known Technology 3" hereafter) The type of data to be used as an object is no more than a design item to be determined as appropriate by an individual in the industry, and thus the use of this Well-known Technology 3 in the invention described in Cited Literature 1 to structure the invention according to Claim 4 of the present application through storing, as an object, the inputted audio data is not seen as being particularly difficult.

Consequently, the invention according to Claim 4 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1 and 2, and is not seen as having any particular effect on operation.

Claim: 5

Cited Literature: 1

Remarks:

In the invention according to Claim 5 of the present application, "having a step wherein one or more of the aforementioned stored objects is selected and displayed, and a step wherein said display the one or more objects is registered in an expression-style format to generate an expression-style format" is added to the invention according to Claim 1 of the present application; however, said method is described in Cited Literature 1 (See Block 7, Paragraph (0028)).

Consequently, the invention according to Claim 5 of the present application is that which could be envisioned easily by an individual in the industry from

Cited Literature 1, and is not seen as having any particular effect on operation.

Claim: 6

Cited Literature: 1 and 3

Remarks:

In the invention according to Claim 6 of the present application, " said step that produces an expression-style format produces the expression-style format as a sequence that expresses the sequence in which the various objects were added" is added to the invention according to Claim 1 of the present application; however, the production of an expression-style format that expresses the objects following a specific sequence is a well-known technology, such as described in Cited Literature 3 (See Paragraphs 0019 and 0020, "Well-known Technology 4" hereafter) The sequence in which the objects are expressed is no more than a design item to be determined as appropriate by an individual in the industry, and thus the application of this Well-known Technology 4 as a specific method for generating the expression-style format in the invention described in Cited Literature 1 to structure the invention according to Claim 6 of the present application by using, as the sequence for the expression, the sequence in which the objects were added and recorded is not seen as being particularly difficult.

Consequently, the invention according to Claim 6 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1 and 3, and is not seen as having any particular effect on operation.

Claim: 7

Cited Literature: 1 and 3

Remarks:

In the invention according to Claim 7 of the present application, "having a step wherein the action of said expression-style format is reproduced through expressing the various objects based on the expression-style format that has been saved" is added to the invention according to Claim 1 of the present application; however, the reproduction of the operation of the expression-style format through expressing the various objects based on the expression-style format that has been saved is a well-known technology, such as described in Cited Literature 3 (See Paragraph (0023), "Well-known Technology 5" hereafter) The application of this Well-known Technology 5 as the specific method for expressing objects based on the expression-style format in the invention described in Cited Literature 1 in order to structure the invention in Claim 7 of the present application is not seen as being particularly difficult.

Consequently, the invention according to Claim 7 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1 and 3, and is not seen as having any particular effect on operation.

Claim: 8

Cited Literature: 1

Remarks:

In the invention according to Claim 8 of the present application, "having a step wherein that corrects the aforementioned expression-style format through modifying the method of expression the objects for given objects stored in the expression-style format that has been stored" is added to the invention according to Claim 1 of the present application; however, this method is described in Cited Literature 1 (See Block 7, Paragraph (0028)).

Consequently, the invention according to Claim 8 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1, and is not seen as having any particular effect on operation.

Claim: 9

Cited Literature: 1

Remarks:

In the invention according to Claim 9 of the present application, "including, as the expression method for said objects, at least one of the following: an object display position, an object expression sequence, or an object size" is added to the invention according to Claim 8 of the present application; however, this method is described in Cited Literature 1 (See Block 7, Paragraph (0028)).

Consequently, the invention according to Claim 9 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1, and is not seen as having any particular effect on operation.

Claim: 10

Cited Literature: 1

Remarks:

In the invention according to Claim 10 of the present application, "having a step wherein text data or a descriptive language is downloaded through said network, and a step wherein the downloaded text data or descriptive language is stored as a text data object" is added to the invention according to Claim 1 of the present application; however, the storage, as an object, data that is downloaded through a network is described in Cited Literature 1 (See Block 8, Paragraph

(0030)). The type of data to be used as an object is no more than a design item to be determined as appropriate by an individual in the industry, and thus the use of text data or descriptive language as the type of data downloaded in the invention described in Cited Literature 1 to structure the invention according to Claim 10 of the present application is not seen as being particularly difficult.

Consequently, the invention according to Claim 10 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1, and is not seen as having any particular effect on operation.

Claim: 11

Cited Literature: 1

Remarks:

In the invention according to Claim 11 of the present application, "having a step wherein text image data is downloaded through said network, and a step wherein the downloaded image data is stored as an object" is added to the invention according to Claim 1 of the present application; however, this method is described in Cited Literature 1 (See Block 8, Paragraph (0030)).

Consequently, the invention according to Claim 11 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1, and is not seen as having any particular effect on operation.

Claim: 12

Cited Literature: 1

Remarks:

In the invention according to Claim 12 of the present application, "having a step wherein audio data is downloaded through said network, and a step wherein the downloaded audio data is stored as an object" is added to the invention according to Claim 1 of the present application; however, storing data that is downloaded through a network as an object is described in Cited Literature 1 (See Block 8, Paragraph (0030)). The type of data to be used as an object is no more than a design item to be determined as appropriate by an individual in the industry, and thus the use of audio data as the type of data downloaded in the invention described in Cited Literature 1 to structure the invention according to Claim 12 of the present application is not seen as being particularly difficult.

Consequently, the invention according to Claim 12 of the present application is that which could be envisioned easily by an individual in the industry from Cited Literature 1, and is not seen as having any particular effect on operation.

Claims: 16 through 27 [sic]

Cited Literature: 1

Remarks:

The inventions according to Claims 16 through 30 of the present application are simply a different categorization of the inventions according to Claims 1 through 15 of the present application, and thus, for the same reasons as for the inventions according to Claims 1 through 15, could have been envisioned easily by an individual in the industry from Cited Literature 1, and are not seen as having any particular effect on operation.

EP

List of Cited Literature

1. European Patent Application Publication 953901 (Unexamined Patent Application Publication 2000-92117)
2. Japanese Unexamined Patent Application Publication H10-133988
3. Japanese Unexamined Patent Application Publication H11-237865

Record of Prior Art Literature Search Results

* Fields Searched: IPC, 7th Edition

5/42 G09G 5/00 -

G06F 3/00, 13/00

*Prior Art Literature: Japanese Unexamined Patent Application Publication H9-223062

This Record of Prior Art Literature Search Results does not constitute the reasons for rejection.

An English translation of the foreign-language documents is not readily available.

However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609).

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

STATEMENT

The undersigned hereby states in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date May 18, 2004

By 

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5407
Facsimile: (202) 672-5399

David A. Blumenthal
Attorney for Applicant
Registration No. 26,257

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>Submitted: May 18, 2004</p> <p>(as many sheets as necessary)</p>				<p>Complete if Known</p>	
<p>Sheet 1 of 1</p>		<p>Patent & Trademark Office</p>		<p>Application Number 09/736,575</p> <p>Filing Date 12/15/2000</p> <p>First Named Inventor Hiroshi ONO</p> <p>Group Art Unit 2157</p> <p>Examiner Name Najjar, Saleh</p> <p>Attorney Docket Number 017446-0307</p>	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.